

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 23 December 2005 (12. 2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPEN. NO. (if known) Not Yet Assigned
INTERNATIONAL APPLICATION NO.: PCT/KR2004/001557	INTERNATIONAL FILING DATE: 25 June 2004 (25.06.2004)	PRIORITY DATE CLAIMED: 27 June 2003 (27.06.2003) KR
TITLE OF INVENTION: NOVEL CEPHALOSPORIN DERIVATIVES, ITS PHARMACEUTICALLY ACCEPTABLE SALTS AND MANUFACTURING PROCESS THEREOF		
APPLICANT(S) FOR DO/EO/US: KIM, Sung-gyu; LEE, Jeong-min; JEUN, Jong-ok; SOHNM, Sang-kwon; CHOI, Kyung-il; KIM, Joong-hyup; NAM, Ghil-soo		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM WITH FEE CALCULATION; INTERNATIONAL PUBLICATION 2005/000853 A1 WITH INTERNATIONAL PUBLICATION DATE 6 JANUARY 2005 (06.01.2005) WHICH CONSISTS OF 32 PAGES INCLUDING 1 COVER SHEET CONTAINING THE ABSTRACT, 25 PAGES TEXTUAL SPECIFICATION, 6 PAGES OF 8 CLAIMS, 0 SHEETS DRAWINGS; UNEXECUTED INVENTOR'S DECLARATION; PCT/IPEA/409 INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY; PCT REQUEST.</p>		

U.S. APPLICATION NO. (if known) not yet assigned <div style="font-size: 1.5em; font-weight: bold;">10/562125</div>	INTERNATIONAL APPLICATION NO.  PCT/ KR2004/001557	DATE: <del>23</del> December 2005 ( <del>23</del> .12.2005)
--	---	---

21. Basic national fee ..... \$ 300  22. Examination fee If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US and all claims satisfy Provisions of PCT Article 33(1)-(4) ..... \$ 0 All other situations..... \$200  23. Search fee (37 CFR 1.492(b) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$ 0 Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 Interational Search Report prepared and provided to the Office..... \$400 All other situations..... \$500  ___ Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets fo paper or fraction thereof. <div style="text-align: right;">TOTAL OF 21, 22 &amp; 23=</div>	<u>CALCULATIONS</u>  \$ 300  \$ 200   \$ 400   \$  \$ 900	<u>PTO USE ONLY</u>          
--	---	---

Surcharge of \$130.00 for furnishing the oath or declaration later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$	
---	----	--

CLAIMS	NO. FILED	NO. EXTRA	RATE		
TOTAL	<u>11</u> -20=	0	X \$ 50.00	\$	0.00
INDEPENDENT	<u>2</u> - 3=	0	X \$ 200.00	\$	0.00
Multiple dependent claims(s) (if applicable)			+ \$360.00	\$	360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<b>1,260.00</b>
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$	0.00
<b>SUBTOTAL =</b>				\$	<b>1,260.00</b>
Processing fee of \$130.00 for furnishing the English translation later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	0.00
<b>TOTAL NATIONAL FEE =</b>				\$	<b>1,260.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property +</b>				\$	0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	<b>1,260.00</b>
				Amount to be:	
				refunded	\$
				charged	\$

U.S. APPLICATION NO. (if known) not yet assigned <b>10/562125</b>	INTERNATIONAL APPLICATION NO.  PCT/KR2004/001557	DATE: <b>23</b> December 2005 ( <b>23</b> .12.2005)
---	--	---

a. ☒ One check in the aggregate amount of \$ 1,260.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

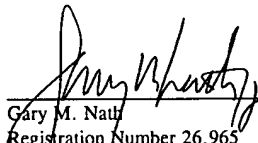
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

**CUSTOMER NO. 20529**

Gary M. Nath  
NATH & ASSOCIATES PLLC  
112 South West Street  
Alexandria, VA 22314

(202) 775-8383 (phone)  
(202) 775-8396 (fax)

  
\_\_\_\_\_  
Gary M. Nath  
Registration Number 26,965  
Tanya E. Harkins  
Registration Number 52,993  
Jerald L. Meyer  
Registration Number 41,194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KIM et al.

International Application No. PCT/KR2004/001557

Serial No. NOT YET ASSIGNED

International Filing Date: 25 June 2004 (25.06.2004)

Filed: December 23, 2005

For: NOVEL CEPHALOSPORIN DERIVATIVES, ITS PHARMACEUTICALLY  
ACCEPTABLE SALTS AND MANUFACTURING PROCESS THEREOF

10/562125

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office  
(DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- (3) International Publication No: WO 2005/000853 A1,  
International Publication Date: 6 January 2005 (06.01.2005)  
which consists of 32 pages including:
  - 1 cover sheet containing the Abstract;
  - 25 pages Textual Specification,
  - 6 pages of 8 Claims,
  - 0 sheets of Drawings;
- (4) Unexecuted Inventor's Declaration;
- (5) PCT/IPEA/409 International Preliminary Report on  
Patentability;
- (6) PCT Request;
- (7) Check No. 1388 \$ 1,260.00 for Government Basic  
National Stage Fee, Search Fee, Examination fee, and  
Multiple Dependent Claims fee;
- (12) Postcard for early notification of serial number.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

By:

  
Gary M. Nath  
Registration No. 26,965  
Tanya E. Harkins  
Registration No. 52,993  
Jerald L. Meyer  
Registration No. 41,194  
Customer No. 20529

Date: December 23, 2005  
NATH & ASSOCIATES PLLC  
112 South West Street  
Alexandria, VA 22314  
GMN/TEH/JLM/dd/PCT.NATLphase.TL